

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT: abd

Location Abandoned well never drilled 4-9-82

DATE FILED 8-4-80

LAND. FEE &amp; PATENTED

STATE LEASE NO

PUBLIC LEASE NO

U-013766

INDIAN

DRILLING APPROVED: 8-8-80-

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

5178' 6L

DATE ABANDONED:

L.A. well never drilled 4-9-82

FIELD:

~~ISLAND~~ 3/86 Natural Buttes

UNIT:

RIVER BEND

COUNTY:

UINTAH

WELL NO.

RBU 11-15-E

API NO. 43-047-30756

LOCATION

1993'

FT. FROM ~~XX~~ (S) LINE.

2009'

FT. FROM ~~XX~~ (W) LINE.

NE SW

1/4 - 1/4 SEC. 15

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

10S

19E

15

MAPCO PRODUCTION CO.

FILE NO: 135

Entered in NID File ☒

Ent. of ... Sheet

Location Map Attached

Card Indexed ☒

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW

WW

TA

GW

OS

PA

Location Inspected

Band released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GR-N

Micro

Lat

M-L

Sonic

Others

LWP  
7-9-92

DUPLICATE

SUBMIT IN TRIPlicate\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

## 2. NAME OF OPERATOR

MAPCO Production Company  
Alpine Executive Center

## 3. ADDRESS OF OPERATOR

1643 Lewis Ave., Suite 202  
Billings, MT 59102

\*Location of well, bottom location clearly and in accordance with any State requirements.\*

2000' FVL &amp; 1993' FOL, Sec 15, T10S, R19E

Same

## 14. INTERSECTION WITH LAND SURVEY OR PUBLIC LAND OFFICE

21 miles SW of Ouray, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest grid, unit line, if any)

1993'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2000'

## 16. NO. OF ACRES IN LEASE

2240

## 19. PROPOSED DEPTH

6550'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5178' Ungraded G.L.

## 22. APPROX. DATE WORK WILL START\*

Summer 1980

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	28#, H-40	400'	Cmt to surface
7-7/8"	4-1/2"	11.6#, N-80	6550'	Cmt to surface

1. Drill a 12-1/4" hole with an air rig to 400', run 8-5/8", 28#, H-40 casing and cement to surface.
2. NU and pressure test BOP stack (see Fig 1) prior to drilling out below surface pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 7-7/8" hole to 6550' with a salt water mud system. No cores are planned. DST's will be run as needed to evaluate unexpected shows.
5. Run logs. Set 4-1/2", 11.6#, N-80 casing as dictated by drilling shows, test and logs. Casing program may be modified to provide added burst strength if needed for frac program.
6. Primary zones of interest are the Chapita Wells and Uteland Buttes sections of the Wasatch.
7. All zones indicating potential for economically recoverable reserves will be tested in a normal, prudent manner. SEE BACK FOR FORMATION TOPS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Richard Baumann*  
Richard Baumann

TITLE

Engineering Technician

DATE 7-25-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*W.P. Martin*FOR  
TITLEE. W. GUYNN  
DISTRICT ENGINEER

DATE

MAR 04 1981

CONDITIONS OF APPROVAL, IF ANY:

State of Utah, Department of Natural Resources

Division of Oil, Gas, and Mining

1009 West North Temple

Salt Lake City, Utah 84116

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

NOTICE OF APPROVAL

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plate, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

839-171

### FORMATION TOPS

Uintah	Surface
Green River	1257'
Wasatch	4752'
Chapita Wells	5472'
Uteland Buttes	6532'

ETADILQUO

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Mapco Production Company  
Project Type Gas Well Drilling  
Project Location 2009' FWL 1993' FSL, Section 15, T. 10S, R. 19E  
Well No. RBU 11-15E Lease No. U-013766  
Date Project Submitted August 4, 1980

FIELD INSPECTION Date September 18, 1980

Field Inspection  
Participants Greg Darlington USGS, Vernal  
Ron Rogers BLM, Vernal  
Larry England BLM, Vernal  
Darwin Kulland Mapco Production Company

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning  
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

December 30, 1980 Greg Darlington  
Date Prepared Environmental Scientist

I concur 1/14/81 EWS  
Date District Supervisor

Typing In 12-30-80 Typing Out 12-30-80

Rec 1/14/81

PROPOSED ACTION:

Mapco Production Company proposes to drill the RBU 11-15E well, a 6550 foot gas test of the Wasatch formation. About 100 feet of new access road with an 18 foot driving surface, a pad 190 feet by 400 feet and a rewerve pit 150 feet by 175 feet would be required. The total surface disturbance associated with this project would be about 2.4 acres.

RECOMMENDED APPROVAL CONDITIONS:

Drilling should be allowed, provided the following measures are incorporated into the proposed APD and adhered to by the operator:

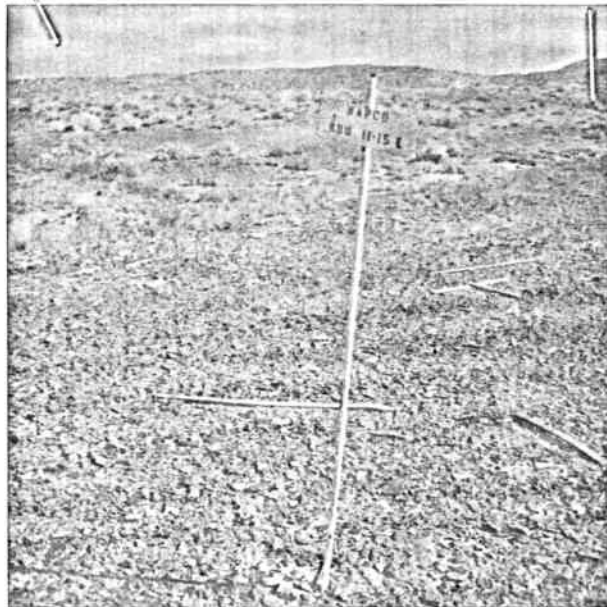
1. BLM Stipulations
2. The logs requested in the Mineral Evaluation Report and Mining Report are to be furnished in a suitable manner.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 6	9-18-80	
Unique charac- teristics							1, 2, 6	9-18	
Environmentally controversial							1, 2, 6	9-18	
Uncertain and unknown risks							1, 2, 6	9-18	
Establishes precedents							1, 2, 6	9-18	
Cumulatively significant							1, 2, 6	9-18	
National Register historic places							1, 6	9-18	
Endangered/ threatened species							1, 6	9-18	
Violate Federal, State, local, tribal law							1, 2, 6	9-18	

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



East View of Mapco RBU 11-15 E  
Sec. 15, T10S, R19E

9/18





# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-802

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

January 13, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: Mapco Inc.  
Well #11-24E, U-013794,  
Sec. 24, T10S, R19E;  
Well # 11-15E, U-013766,  
Sec 15, T10S, R19E;  
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was made on the above referenced well site locations, and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the brochure, "Surface Operation Standards of Oil and Gas Exploration and Development."
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required. Roads are to be crowned and bar ditched where needed.
3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plans, with the following exception. The BLM recommends that the top 6 inches of topsoil materials be stockpiled at the well sites.
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



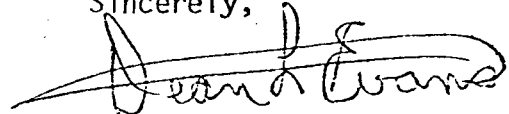
6. In the event that oil storage tanks are used, earth dikes will be built around the tanks in order to contain accidental spills. The height of the dikes will be sufficient to contain the entire contents of the tanks.
7. A wire mesh or web type fence will be used around the reserve pits. At least two strands of barbed wire will top this fence.
8. The reserve pits will have at least 4 feet of their depths below natural ground level.
9. Production facilities will be painted with colors which blend in with the natural background. Various earth tones can accomplish this.

An archaeological study has been conducted. No cultural resources were located at any of the proposed sites.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Ron Rogers, 789-1362.

Sincerely,

A handwritten signature in dark ink, appearing to read "Dean L. Evans", with a large, sweeping flourish extending from the end of the name.

Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: USGS, Vernal

FROM: DISTRICT GEOLOGIST, NE, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. C-013766OPERATOR: MAPCO Prod. Co.WELL NO. RBU-11-1SELOCATION: NE $\frac{1}{2}$  NE $\frac{1}{2}$  SW $\frac{1}{2}$  sec. 15, T. 10S, R. 19E, 56mUintah County, Utah1. Stratigraphy: Reasonable Stratigraphy!

Uinta Fm - Surface  
 Green River Fm - 1257'  
 Wasatch Fm - 4752'  
 Chaputa Wells - 5472'  
 Uteland Buttes - 6532'  
 T.D. - 6550'

2. Fresh Water: probable in the Uinta Fm.

useable water possible to the base of the Green River Fm

## 3. Leasable Minerals:

Prospectively valuable for oil shale in Mahogany zone of Green River Fm 2000 ft. deep with an oil yield of 25 gals/ton for a thickness of 52 feet.

## 4. Additional Logs Needed:

run suite through oil shale zone.

## 5. Potential Geologic Hazards:

none expected

## 6. References and Remarks:

Cashion, 1968 + 1976

Signature: Joseph Mcardent Date: 8-12-80

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

## 2. NAME OF OPERATOR

MAPCO Production Company  
Alpine Executive Center

## 3. ADDRESS OF OPERATOR

1643 Lewis Ave., Suite 202  
Billings, MT 59102

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2009' FWL &amp; 1993' FSL, Sec 15, T10S, R19E

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

21 miles SW of Ouray, Utah

## 16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

1993'

## 16. NO. OF ACRES IN LEASE

2240

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2000'

## 19. PROPOSED DEPTH

6550'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5178' Ungraded G.L.

## 22. APPROX. DATE WORK WILL START\*

Summer 1980

23

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	28#, H-40	400'	Cmt to surface
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2. NU and pressure test BOP stack (see Fig 1) prior to drilling out below surface pipe.
3. Test pipe rams daily and blind rams as possible.
4. Drill a 7-7/8" hole to 6550' with a salt water mud system. No cores are planned. DST's will be run as needed to evaluate unexpected shows.
5. Run logs. Set 4-1/2", 11.6#, N-80 casing as dictated by drilling shows, test and logs. Casing program may be modified to provide added burst strength if needed for frac program.
6. Primary zones of interest are the Chapita Wells and Uteland Buttes sections of the Wasatch.
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24.

SIGNED

Richard Baumann  
Richard Baumann

TITLE

Engineering Technician

DATE 7-25-80

(This space for Federal or State office use)

PERMIT NO

APPROVAL DATE

APPROVED BY

TITLE

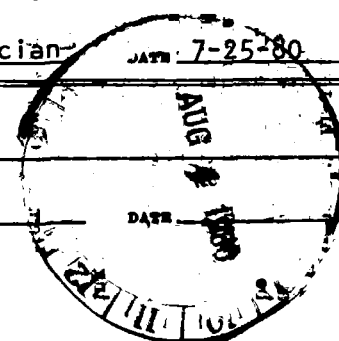
DATE

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 8-6-80

BY: M. J. Winder

\*See Instructions On Reverse Side



# Instructions

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U.S. GOVERNMENT PRINTING OFFICE: 1965-O-711-396

839-171

## FORMATION TOPS

Utah  
Green River  
Wasatch  
Chapita Wells  
Uteland Buttes

Surface  
4257  
4752  
5472  
6532

DATE OF HOPE	DATE OF CAVING	DATE OF LAST	DATE OF FIRST	DATE OF SECOND
11/1-1	11/1-1	11/1-1	11/1-1	11/1-1
11/1-1	11/1-1	11/1-1	11/1-1	11/1-1
11/1-1	11/1-1	11/1-1	11/1-1	11/1-1
11/1-1	11/1-1	11/1-1	11/1-1	11/1-1

PROPOSED CAVING AND CEMENTING PROPOSAL

11/1-1

11/1-1

11/1-1

11/1-1

11/1-1

11/1-1

11/1-1

11/1-1

11/1-1

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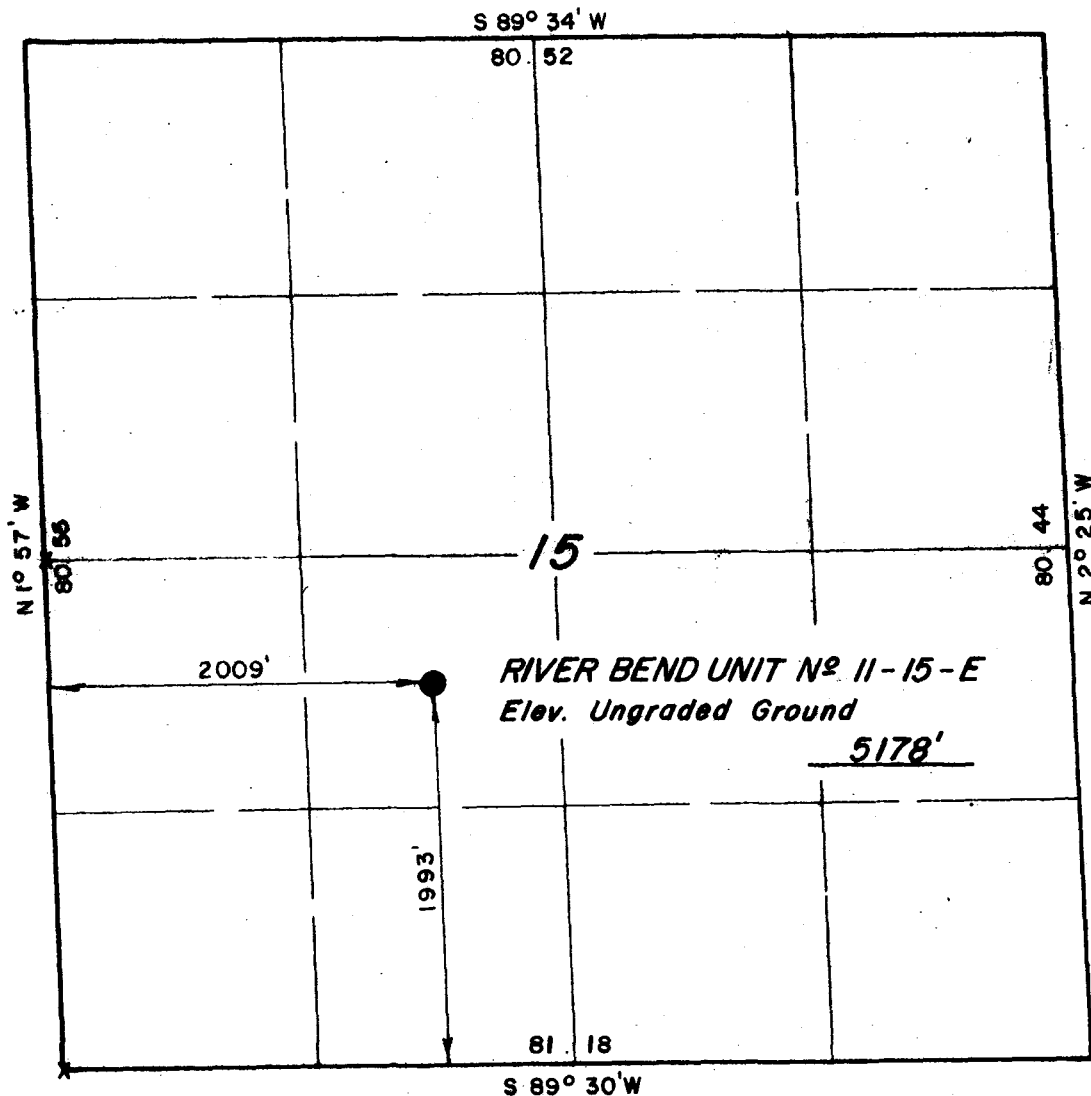
11/1-1

11/1-1

11/1-1

11/1-1

*T 10 S, R 19 E, S.L.B.&M.*



X = Section Corners Located

PROJECT

**MAPCO INCORPORATED**

Well location, RIVER BEND UNIT N° 11-15-E, located as shown in the NE1/4 SW1/4 Section 15, T 10 S, R 19 E, S.L.B.&M. Uintah County, Utah.

*Exhibit A*



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION N° 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3 / 12 / 78
PARTY D.A. D.S. BFW	REFERENCES GLO Plat
WEATHER Cold	FILE MAPCO INC.

TEN-POINT COMPLIANCE PROGRAM OF NTL-6  
APPROVAL OF OPERATIONS

Attached to Form 9-331C

Company: MAPCO PRODUCTION COMPANY

Well: RBU 11-15E

Well Location: 2009' FWL & 1993' FSL

Section 15, T. 10 S., R. 19 E.

County: Uintah

State: Utah

1. Geologic Surface Formation

UINTAH

2. Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Uintah	Surface
Green River	1257'
Wasatch	4752'
Chapita Wells	5472'
Uteland Buttes	6532'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Wasatch	4752'	Gas Zone
Chapita Wells	5472'	Gas Zone

4. The Proposed Casing Program

8-5/8", 28#/ft, H-40, 0'-400' - Cement to surface.

4-1/2", 11.6#/ft, N-80, 0'-6550' - Cement to surface.

5. The Operator's Minimum Specifications for Pressure Control

See Figure #1, attached.

BOP stack has a 3000 psi working pressure. BOP's will be pressure tested before drilling casing cement plugs.

Pipe rams will be operated daily and blind rams as possible.

6. The Type and Characteristics of the Proposed Circulating Muds

The well is to be drilled with a saltwater mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control.

7. The Auxiliary Equipment to be Used

- 1.) Kelly cock.
- 2.) Full opening valve on floor with DP connection for use when Kelly is not in string.
- 3.) Pit volume totalizer equipment will be used.

8. The Testing, Logging, and Coring Programs to be Followed

A mud logger will be used from 400' to T.D. No drill stem tests will be run. No coring will be done. The logging program will include Dual Laterolog BHC Sonic-Neutron with F log, caliper, and G.R. from T.D. to 3200'. Gamma Ray will be run from T.D. to surface.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H<sub>2</sub>S gas.

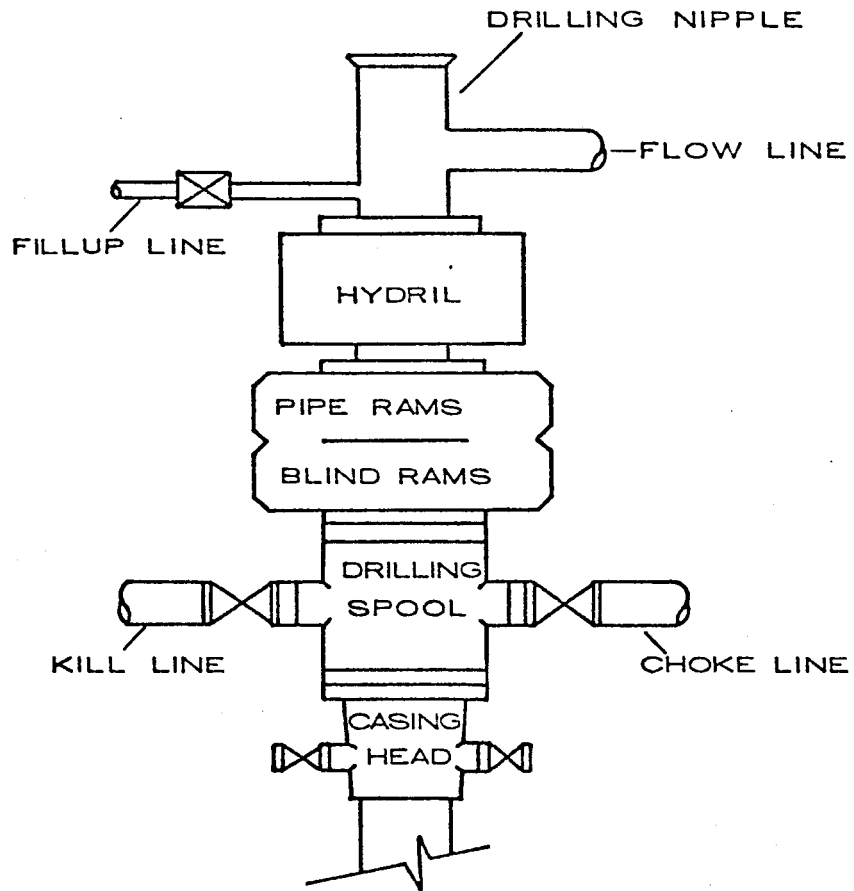
10. The Anticipated Starting Date and Duration of the Operations

Starting Date: Summer 1980

Duration: 20 days



## BOP STACK



## CHOKE MANIFOLD

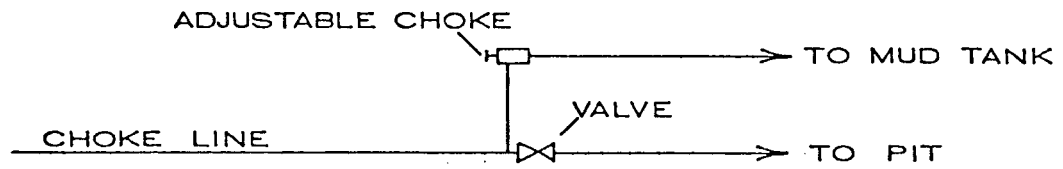


FIGURE 1

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C

COMPANY: MAPCO PRODUCTION COMPANY

WELL: RBU 11-15E

WELL LOCATION: 2009' FWL & 1993' FSL

Section 15, T. 10 S., R. 19 E.

County: Uintah

State: Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as Exhibit A.
- B. Location is  
as shown in Exhibit B.
- C. An access road of about 0\* will be needed to reach  
• the location from the existing road as shown in Exhibit B.  
\* Existing road passes by the edge of the location.
- D. All existing roads are shown on Exhibit B.
- E. There is no anticipated construction on any existing roads.

2. Planned Access Roads

- 1. Width: Maximum of 30' right-of-way with road bed being approximately 16'-18', and remainder of right-of-way to be used for borrow ditches.
- 2. Maximum grade: 8%
- 3. Turnouts: None
- 4. Drainage design: Drain ditches along either side of the road, where necessary for drainage with material from borrow ditch used to build crown of road. As per meeting with BLM, BIA & USGS on May 3, 1979. No speed curves on hills.
- 5. Culverts: None
- 6. Surface materials: Native dirt.
- 7. Gates, cattleguards, fence cuts: None

3. Location of Existing Wells

All existing wells known in the area are shown directly on Exhibit B within the one-mile radius.

1. Water wells: None
2. Abandoned wells: None
3. Temporarily abandoned wells: None
4. Disposal wells: None
5. Drilling wells: None
6. Producing wells: 4 (RBU 11-14E, RBU 11-10E, RBU 11-16E, OSC 7-15)
7. Shut-in wells: None
8. Injection wells: None
9. Monitoring or observation wells: None

4. Location of Existing and/or Proposed Facilities

A. The location of existing and/or proposed facilities, if any, owned or controlled by lessee/operator within the 1-mile radius will be shown on Exhibit B.

1. Tank batteries: None
2. Production facilities: RBU 11-14E, RBU 11-10E, RBU 11-16E, OSC 7-15
3. Oil gathering lines: None
4. Gas gathering lines: RBU 11-14E, RBU 11-10E, RBU 11-16E, OSC 7-15

5. Injection Lines: None

6. Disposal Lines: None

B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad on the solid base of cut and not placed on the fill areas.

1. No flagging then will be needed.

2. The dimensions of the production facilities and the location of facilities is drafted on Exhibit C. If production is obtained, then the unused areas will be restored as later described.
  3. Concrete as needed and any gravels needed will be purchased from private sources.
  4. All pits will be fenced to minimize any hazard to sheep, cattle, antelope and other animals that graze the area. Flagging material will be used as needed, if water or other fluid is produced.
- C. Rehabilitaion, whether the well is productive or dry, will be accomplished as soon as possible in those areas already described, and in accordance with Item 10 following.

5. Water Supply

Water source is shown on Exhibit D.

- A. Water will be hauled from Willow Creek located 3500' FWL & 500' FNL, Sec 24, T9S, R19E. Permit No 54802 49-368.
- B. No pipelines are anticipated. Hauling will be on the road(s) shown in Exhibit D.
- C. No water well is anticipated to be drilled at this time.

6. Source of Construction Materials

- A. No construction material, insofar as drilling, will be needed.
- B. No construction materials will be obtained from Federal or Indian land.
- C. The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.
- D. Access roads crossing federal lands are shown under Item 1.

7. Handling Waste Disposals

1. Drill cuttings will be buried in the reserve pit when covered.
2. Drilling fluids will be handled in the reserve pit.
3. Any produced fluids during drilling tests or while making production tests will be collected in reserve pit.

4. Any sewage will be covered or removed and chemical toilets will be provided.
5. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal facility.
6. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous open pit will be fenced or covered.

8. Ancillary Facilities

No proposed airstrip, camp, or other facility will be built during the drilling or completion of this well.

9. Well Site Layout

1. Exhibit E is the drill pad layout on a scale of 1" = 50'.
2. & 3. Exhibit E is a layout of the drilling rig, pits, and burn pits. Parking and trailers will be along the NE side of the area as shown. The access road will be from the NE. Soil stockpiles are also shown on Exhibit E.
4. The reserve pit will not be lined. Steel mud pits may be used, at least in part, during drilling operations.

10. Plans for Restoration

1. Backfilling, leveling and gentle sloping is planned and will be accomplished as soon as possible after plugging or setting of production casing. Waste disposal and spoils materials will be buried or hauled away immediately after operations cease from drilling and/or completion.
2. The soil banked materials will be spread over the area and gentle sloping or contouring to meet the existing terrain. Revegetation will be by planting of native vegetation to the area or some other combination as recommended by BLM.

The access road to the drill pad will be revegetated, if needed. Any damage to present existing roads will be repaired as needed.

3. Prior to rig release, the pits will be fenced on the fourth side and so maintained until cleanup is accomplished. The reserve pit will have fencing on three sides during drilling.

4. If any oil is on the pits, and is not immediately removed after operations cease, then the pit will be flagged overhead to keep birds and fowl out.
5. The commencement of rehabilitation operations will begin as soon as possible after drilling ceases. Planting will be planned as suggested by BLM.

#### 11. Other Information

1. Topography: The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

Soil Characteristics and Geologic features: The soils of this semi-arid area are of the Uinta and Duchesne River formation (The Fluvial Sandstone & Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with out crops of rock (sandstone, mudstone, conglomerates and shales).

Flora: Areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth.

Fauna: Is sparse but consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area. Birds of the area are raptors, finches, ground sparrows, mag pies, crows and jays.

2. Type of surface use activity: Primary purpose is grazing domestic livestock.

Surface ownership of all involved lands: BLM

3. Proximity of usable water (Shown on Exhibit D):

Occupied dwellings (if any, shown on Exhibit B):

Archaeological or historical sites (if any, shown on Exhibit B):  
None have been found. Archaeological research & survey done by AERC, SLC, Utah.

12. Lessee's or Operator's Representative

James D. Holliman  
Manager of Operations  
MAPCO Production Company  
Alpine Executive Center  
1643 Lewis Ave., Suite 202  
Billings, Montana 59102

Phone: (406) 248-7406

or  
(406) 656-8435

or

Darwin Kulland  
District Superintendent  
MAPCO Production Company  
P.O. Box 1360  
Roosevelt, Utah 84066

Phone : (801) 722-4521

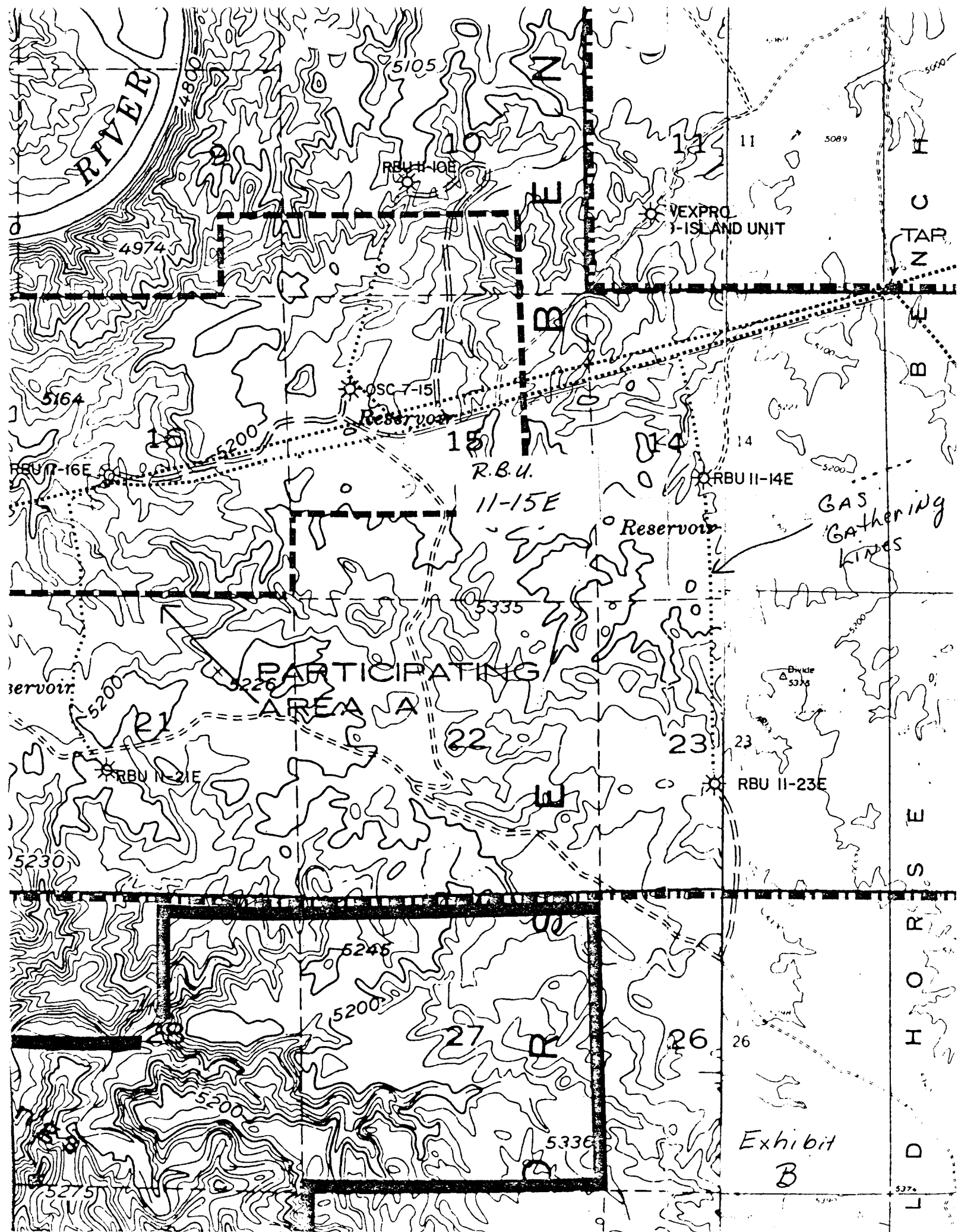
13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the condition which presently exists; that the statements made in this plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by MAPCO PRODUCTION COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

7/30/80  
DATE

J. D. Holliman  
NAME J.D. Holliman

Manager of Operations  
TITLE





Subject

Date

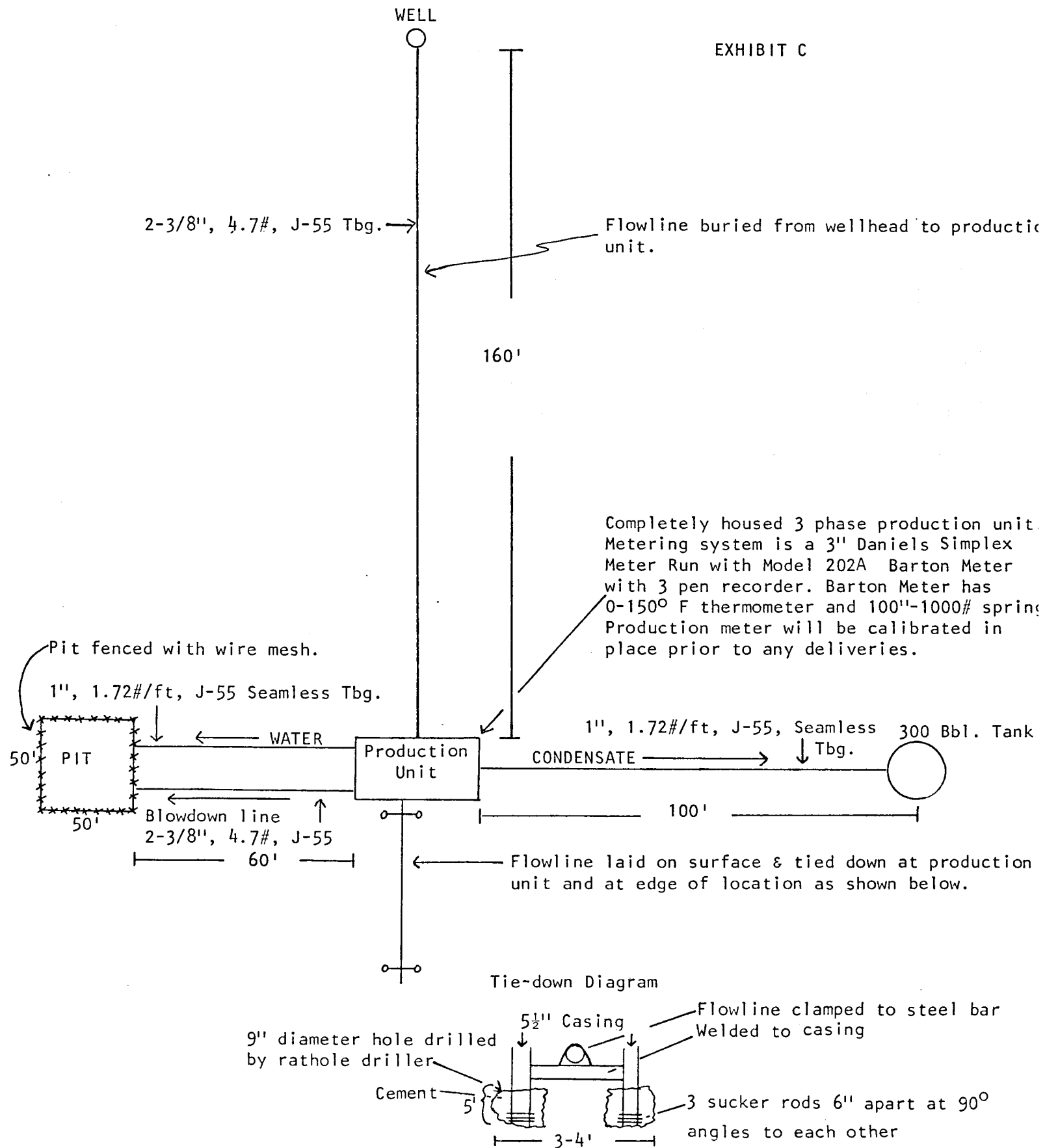
RIVER BEND UNIT NO. 11-15E

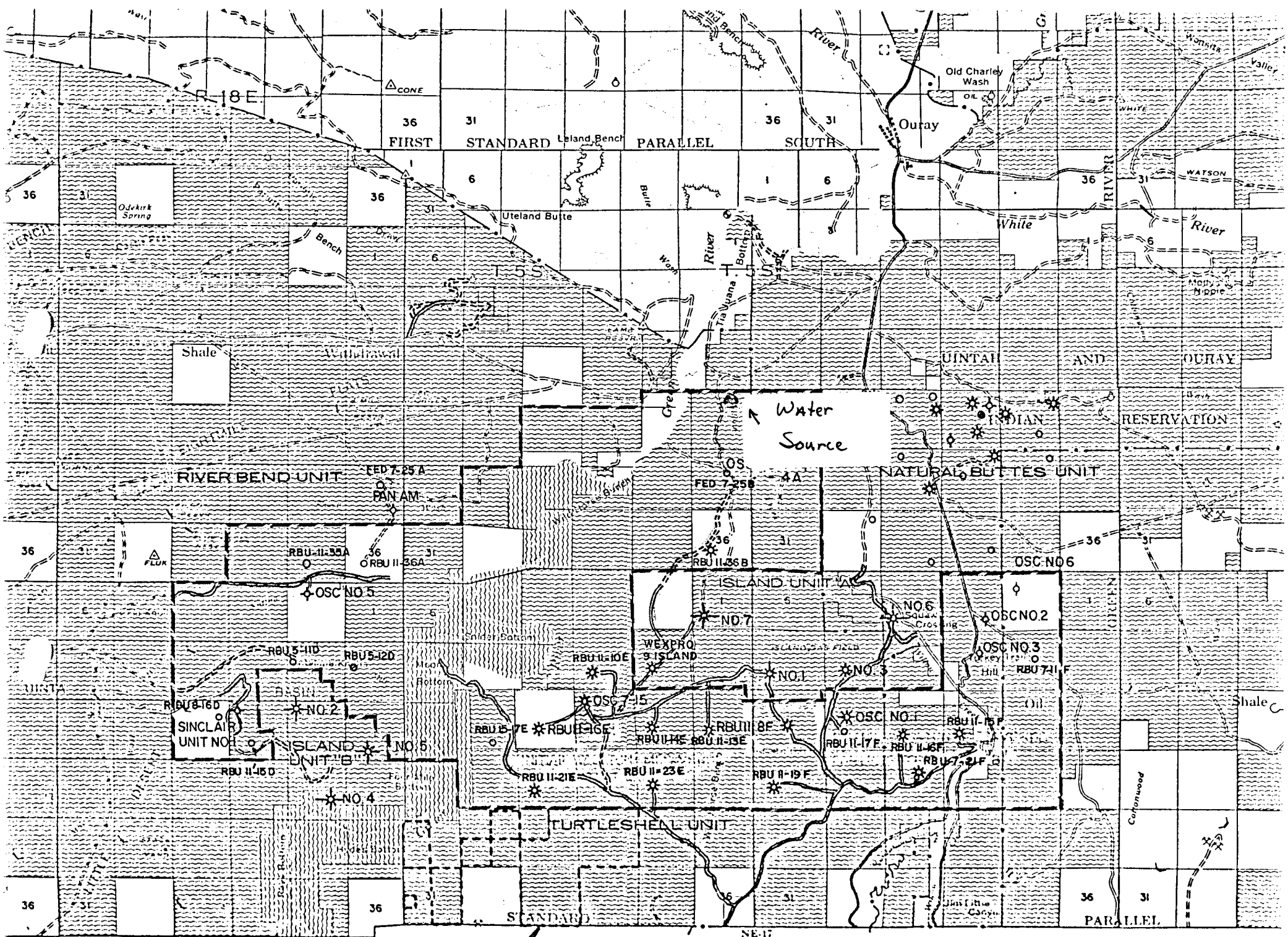
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## EXHIBIT C





R. 18 E.

MAPCO ACREAGE R. 19 E.

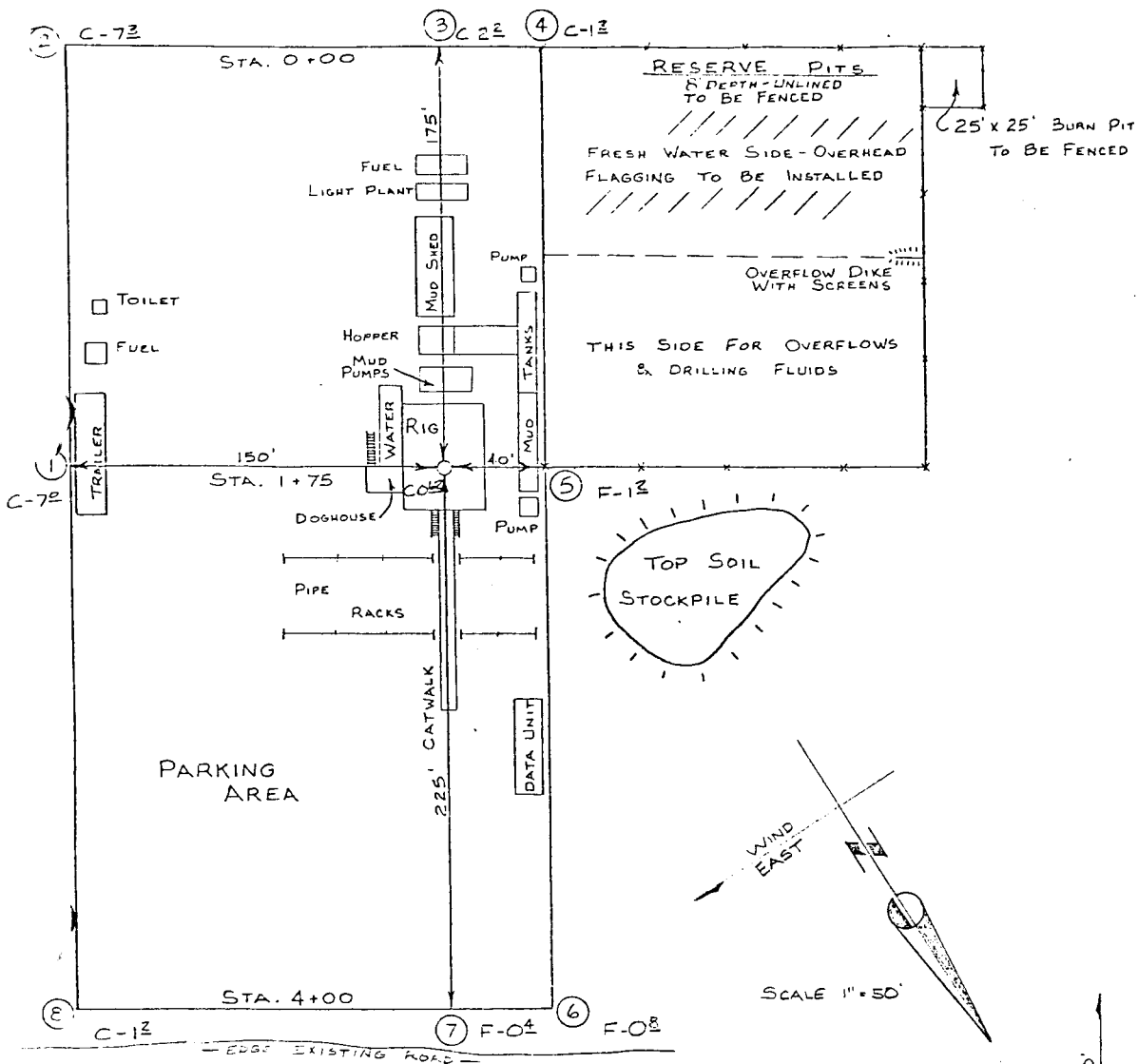
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AUG. 1975  
(REVISED)

R. 20 E.

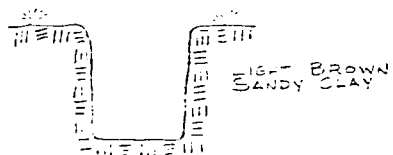
Exhibit

D.

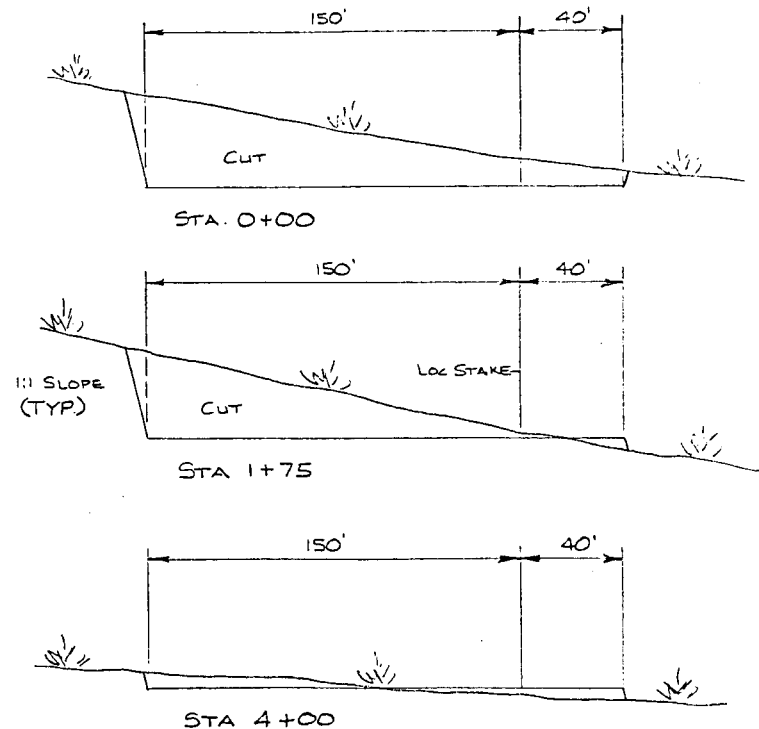
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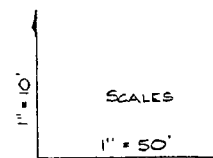
SOILS LITHOLOGY  
1" = 50'



# MARCO INCORPORATED RIVER BEND UNIT NO 11-15-E CUT SHEET



## CROSS SECTIONS



## APPROX YARDAGES

CUT 7,339 CU YDS  
FILL 252 CU. YDS

Exhibit  
E

**\*\* FILE NOTATIONS \*\***

DATE: Aug 4 1980

OPERATOR: Mapco Production Co

WELL NO: R.B.V. 11-15E

Location: Sec. 15 T. 10S R. 19E County: Uintah

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-047-30756

CHECKED BY:

Petroleum Engineer: M.J. Minder 8-6-80

Director: \_\_\_\_\_

Administrative Aide: \_\_\_\_\_

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Oil

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

*Unit*

August 8, 1980

MAPCO Production Company  
Alpine Executive Center  
1643 Lewis Avenue, Suite 202  
*BILLINGS, MONTANA 59102*

RE: Well No. RBU 8-31C, Sec. 31, T. 9S, R. 20E, Uintah County, Utah  
Well No. RBU 11-15D, Sec. 15, T. 10S, R. 18E, Uintah County, Utah  
Well No. RBU 11-15E, Sec. 15, T. 10S, R. 19E, Uintah County, Utah  
Well No. RBU 1-16E, Sec. 16, T. 10S, R. 19E, Uintah County, Utah  
Well No. RBU 9-16E, Sec. 16, T. 10S, R. 19E, Uintah County, Utah  
Well No. RBU 11-24E, Sec. 24, T. 10S, R. 19E, Uintah County, Utah  
Well No. RBU 11-2F, Sec. 2, T. 10S, R. 20E, Uintah County, Utah  
Well No. RBU 7-10F, Sec. 10, T. 10S, R. 20E, Uintah County, Utah  
Well No. RBU 6-20F, Sec. 20, T. 10S, R. 20E, Uintah County, Utah  
Well No. RBU 11-19C, Sec. 19, T. 9S, R. 20E, Uintah County, Utah  
Well No. RBU 11-30C, Sec. 30, T. 9S, R. 20E, Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells are hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
OFFICE: 533-5771  
HOME: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers are listed on the following page.

MAPCO Production Company  
August 8, 1980  
Page Two

The API numbers assigned to these wells are RBU 8-31C: 43-047-30754,  
RBU 11-15D: 43-047-30755, RBU 11-15E: 43-047-30756, RBU 1-16E: 43-047-30757,  
RBU 9-16E: 43-047-30758, RBU 11-24: 43-047-30759, RBU 11-2F: 43-047-30760,  
RBU 7-10F: 43-047-30761, RBU 6-20F: 43-047-30762, RBU 11-19C: 43-047-30752,  
RBU 11-30C: 43-047-30753.

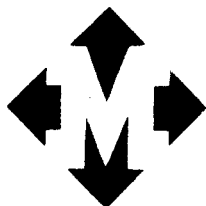
Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

/bh

cc: USGS



# MAPCO

## PRODUCTION COMPANY

June 1, 1981

State of Utah  
Dept of Natural Resources  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

JUN 5 1981

Attn: Debbie

Dear Debbie;

Upon your request, I have listed the wells and status of each:

<u>Well Name</u>	<u>Location</u>	<u>Status</u>
Fed 12-30B	Sec 30, T9S, R19E	Will Not Drill
RBU 7-36B	Sec 36, T9S, R19E	" " "
RBU 11X-36B	Sec 36, T9S, R19E	" " "
RBU 11-24B	Sec 24, T9S, R19E	" " "
RBU 5-12D	Sec 12, T10S, R18E	Plan to Drill
RBU 11-19C	Sec 19, T9S, R20E	" " "
RBU 11-30C	Sec 30, T9S, R20E	Will Not Drill
RBU 11-15D	Sec 15, T10S, R18E	" " "
RBU 11-15E	Sec 15, T10S, R19E	" " "
RBU 1-16E	Sec 16, T10S, R19E	" " "
RBU 9-16E	Sec 16, T10S, R19E	" " "
RBU 2-11D	Sec 11, T10S, R18E	Plan to Drill
RBU 11X-2F	Sec 2, T10S, R20E	Will Not Drill
RBU 8-31C	Sec 31, T9S, R20E	" " "
Fed 1-25A	Sec 25, T9S, R18E	" " "
Fed 3-25A	Sec 25, T9S, R18E	" " "
Fed 9-25A	Sec 25, T9S, R18E	" " "
Fed 11-25A	Sec 25, T9S, R18E	" " "
Fed 13-25A	Sec 25, T9S, R18E	" " "
Fed 15-25A	Sec 25, T9S, R18E	" " "
Fed 11-24A	Sec 24, T9S, R18E	" " "
Fed 13-24A	Sec 24, T9S, R18E	" " "
Fed 15-24A	Sec 24, T9S, R18E	" " "

June 1, 1981  
Page 2

If there is any more information I can give you please let me know.

Very truly yours,

MAPCO Production Company

*Dick Baumann*

Dick Baumann  
Engineering Technician

REB/jlu

RECEIVED

JUN 2 1981

DIVISION OF  
OIL, GAS & MINING



Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

April 9, 1982

Mapco Production Company  
1643 Lewis Ave. - Suite 202  
Billings, Montana 59102

Re: Rescind Application for Permit  
to Drill  
Well No. FBU 11-15E  
Section 15-T10S-R19E  
Uintah County, Utah  
Lease No. U-013766

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 4, 1981. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Gynn  
District Oil & Gas Supervisor

bcc: SMA  
State O&G ✓  
State BLM  
MMS-Vernal  
Well File  
APD Control

DE/dh